

Converting Colors

RGB(189, 209, 202)

Have a look what the booklet for
RGB(189, 209, 202) contains.

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Color

RGB(189, 209, 202)

Conversions

Conversions Part 1

Format	Color
Hex	BDD1CA
RGB	189, 209, 202
RGB Percent	74%, 82%, 79%
CMY	0.2588, 0.1804, 0.2078
CMYK	0.10, 0.00, 0.03, 0.18
HSL	159°, 18%, 78%
HSV	159°, 10%, 82%
XYZ	54.4474, 60.6840, 64.7206
YIQ	202.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

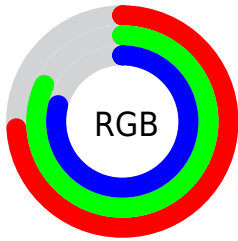
Format	Color
R _{YB}	189, 201, 209
Decimal	12440010
CIE Lab	82.21, -8.06, 1.16
CIE LCh	82, 8.140, 171.775
Yxy	60.6840, 0.3027, 0.3374
Android (android.graphics.Color)	4290630090 (0xFFBDD1CA)
YUV	202.2220, -0.1094, -11.5957
Hunter-Lab	77.8999, -11.5641, 5.2708

Details

The RGB color **189, 209, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **209, 189, 196**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **245, 255, 255**, and **136, 155, 148** is the 20% darker color. If you saturate the color by 10%, you get **168, 209, 195**, and if you desaturate by 10%, it is **210, 209, 209**.

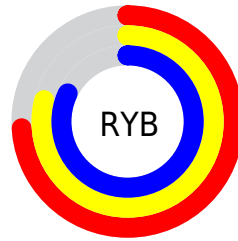
Distribution



Red (74%)

Green (82%)

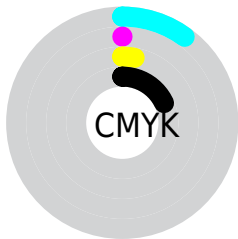
Blue (79%)



Red (74%)

Yellow (79%)

Blue (82%)

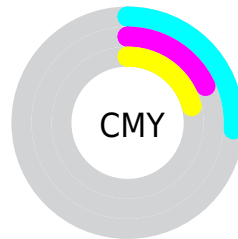


Cyan (10%)

Magenta (0%)

Yellow (3%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 209, 202 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 189, 209, 202 by changing the saturation by 10% instead.

 189, 209, 202


255, 255, 255

 245, 255, 255

 189, 209, 202

 162, 181, 175

 136, 155, 148

 110, 129, 122

 86, 103, 97

 62, 79, 74

 40, 57, 51

 19, 35, 30

 0, 14, 5

 0, 0, 0

■ 189, 209, 202

■ 189, 209, 202

■ 168, 209, 195

■ 210, 209, 209

■ 147, 209, 187

■ 231, 209, 217

■ 126, 209, 180

■ 252, 209, 224

■ 105, 209, 173

■ 255, 209, 231

■ 85, 209, 165

■ 255, 209, 239

■ 64, 209, 158

■ 255, 209, 246

■ 43, 209, 151

■ 255, 209, 253

■ 22, 209, 143

■ 255, 209, 255

■ 1, 209, 136

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196, 208, 195



189, 209, 202



186, 209, 210

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 209, 202



204, 203, 219



219, 201, 193

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



189, 209, 202



209, 189, 196

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221, 200, 199



189, 209, 202



213, 201, 214

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189, 209, 202



194, 206, 219



219, 200, 207



213, 203, 190

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189, 209, 202



187, 208, 214



219, 200, 207



220, 200, 195

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



189, 209, 202



247, 255, 252



196, 209, 189



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



189, 209, 202



227, 255, 245



189, 206, 209



94, 105, 101



0, 168, 109



0, 41, 27

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



209, 189, 196



255, 227, 237



209, 192, 189



105, 94, 98



168, 0, 59



41, 0, 14

Previews

White Background



This preview shows how the RGB color 189, 209, 202 looks on a white background.

Color Contrast Check

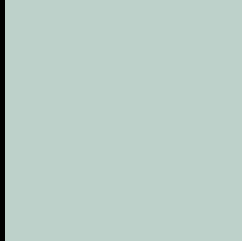
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 189, 209, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

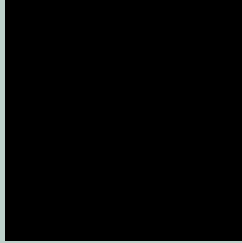
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

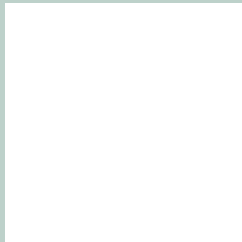
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 189, 209, 202 Background



This preview shows how black text looks on a background with the RGB color 189, 209, 202.

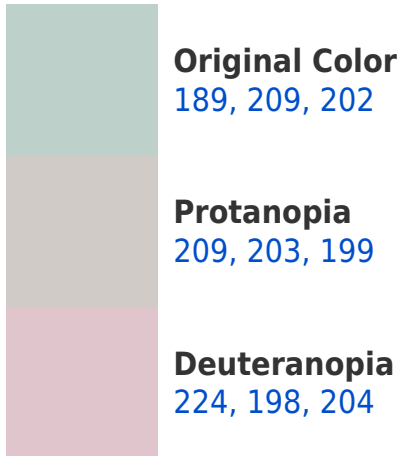


This preview shows how white text looks on a background with the RGB color 189, 209, 202.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
192, 206, 222

Trichromacy



Original Color

189, 209, 202

Protanomaly

202, 205, 200

Deuteranomaly

211, 202, 203

Tritanomaly

191, 207, 215

Monochromacy



Original Color

189, 209, 202

Achromatopsia

202, 202, 202

Achromatomaly

197, 205, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 209, 202 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 209, 202)` looks like.

```
.text, #text, p{  
    color:rgb(189, 209, 202)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 209, 202) }
```

Border

The CSS property to change the border of an element to RGB 189, 209, 202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 209, 202) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 209, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 209, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(189, 209,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 189, 209, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 209, 202) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
209, 202) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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